

Hastings et al.

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**In the Abstract:**

Please replace the abstract with the following amended abstract:

~~The present invention is directed to system and method for current sensing. A system and method for current sensing~~ A current sensor system includes a conductor configured to receive current flow therethrough and generate magnetic flux thereabout. The current sensor system also includes an anti-differential current sensor configured to monitor magnetic flux about the conductor and a flux concentrator configured to concentrate magnetic flux induced by current flow through the conductor.